

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 25 2005

In re Application of : Zion Hadad  
Serial No. : 09/624,236  
Filed : July 24, 2000  
For : System and method for cellular communications  
Art Unit : 2634  
Examiner : Ted M. Wang

Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, Virginia 22313-1450  
U.S.A.

Dear Sir

## AMENDMENT

In response to the Official Actions of February 02, 2004 and of September 11, 2003, please amend the above-identified patent application as follows:

In the Specification:

Delete the extra character "a" in line 1 of Abstract of the Disclosure.

Following is the Abstract with markings to show the character to be removed:

--Abstract of the Disclosure

A ((a)) system for allocating subcarriers to subscribers, comprising a subcarriers allocation controller, connected to a subcarrier modulation unit in a transmitter and to a subcarrier demodulation unit in a receiver for setting a group of subcarriers to be used therein. The transmitter and the receiver are part of the transceiver and subcarriers allocation is made according to a Reed-Solomon code. In a multicarrier system, a method for allocating subcarriers to subscribers, comprising the steps of:  
A. keep a table of R-S codes for frequency group allocation to base stations; B. assign one set of subcarriers based on R-S codes to a base station; C. assign other sets of subcarriers based on R-S codes to other base stations in such a way that adjacent base stations have different R-S codes, to minimize the number of collision points therebetween.--

The following page includes the corrected Abstract.